LG
Life's Good

ENGLISH

OWNER'S MANUAL
LCD MONITOR

Please read this manual carefully before operating your set and retain it for future reference.

LCD MONITOR MODEL
E2422PY

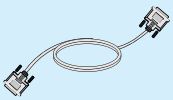
www.lg.com

!!! Thank for selecting LGE products !!!

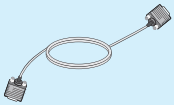
- **Please make sure the following items are included with your monitor. If any items are missing, contact your dealer.**

User's Guide/Cards

Power Cord

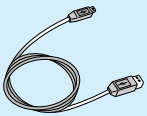


DVI-D Signal Cable
(This feature is not available in all countries.)



15-pin D-Sub Signal Cable
(To set it up, this signal cable may be attached to this product before shipping out.)

Audio Cable



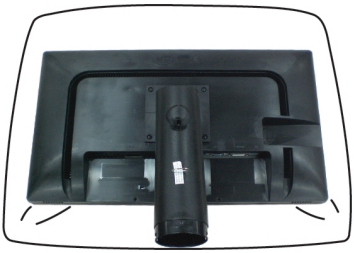
USB Cable

NOTE
- This accessories may look different from those shown here.
- User must use shielded signal interface cables (D-sub 15 pin cable, DVI-D cable) with ferrite cores to maintain standard compliance for the product.

- **Before setting up the monitor, ensure that the power to the monitor, the computer system, and other attached devices are turned off.**

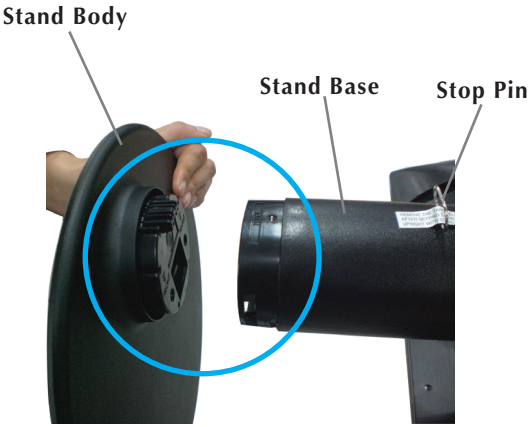
Connecting the stand base

1. Place the monitor with its front facing downward on a cushion or soft cloth.



2. Assemble the Stand Base into the Stand Body.

Be sure don't pull out the Stop Pin and make the Stand Base direction as shown.



3. Once assembled take the monitor up carefully and face the front side.

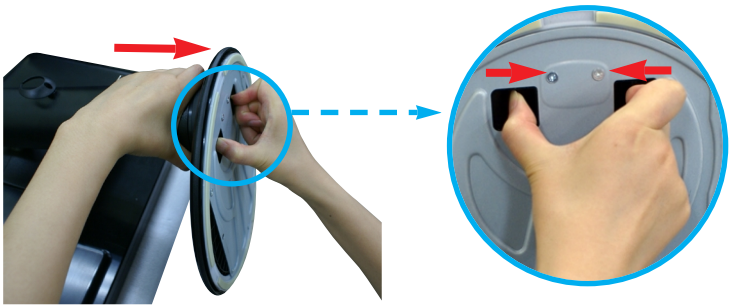
WARNING

- The tape and locking pin may only be removed from those monitors equipped with a standing base when the base is pulled up. Otherwise, you may be injured by the protruding sections of the stand.
- Product Handling with Care : When you lift up or move the product, Do Not hold or touch the front part of LCD panel. It will damage the panel. (Please hold the Stand Body or plastic cover of the product.)

Removing the stand base

1. Place the monitor with its front facing downward on a cushion or soft cloth.

2. While pressing the latches, push the stand base in the direction of the arrow to separate from the stand body.



IMPORTANT

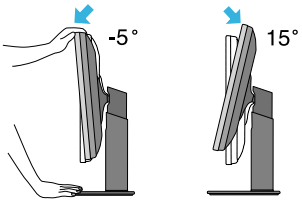
- This illustration depicts the general model of connection. Your monitor may differ from the items shown in the picture.
- Do not carry the product upside down holding only the stand base. The product may fall and get damaged or injure your foot.

Positioning your display

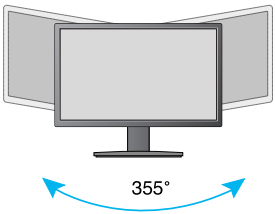
After installation, adjust the angle as shown below.

1. Adjust the position of the panel in various ways for maximum comfort.

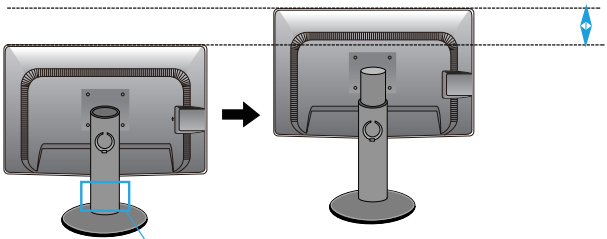
- Tilt Range



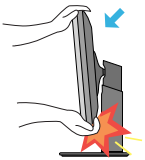
- Swivel Range : 355˚



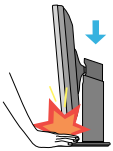
- Height Range : maximum 4.33 inches (110.0 mm)



* Please be sure to remove the Locking pin to adjust the height.



- When adjusting the angle of the screen, do not put your finger(s) in between the head of the monitor and the stand body. You can hurt your finger(s).



- When adjusting the height of the screen, do not put your finger(s) in between the head of the monitor and the stand base. You can hurt your finger(s).

WARNING

- You do not need to replace the Locking pin after it is removed, to adjust its height.

ERGONOMIC

- It is recommended that in order to maintain an ergonomic and comfortable viewing position, the forward tilt angle of the monitor should not exceed 5 degrees.

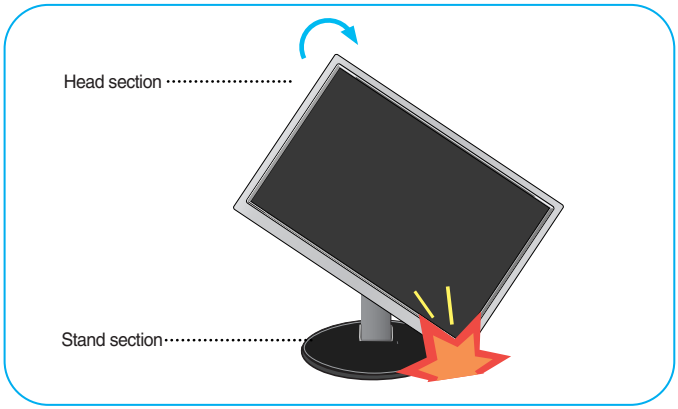
Using the Pivot function

-The pivot function allows you to rotate the screen 90 degrees clockwise.

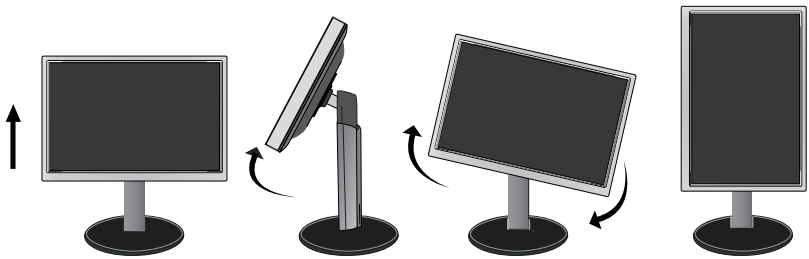
1. Lift the monitor to its highest height to utilize the Pivot function.

2. Landscape & Portrait : You can rotate the panel 90° clockwise.

Please be cautious and avoid contact between the monitor head and the Stand Base when rotating the screen to access the Pivot function. If the monitor head touches the Stand Base, then the Stand Base could crack.



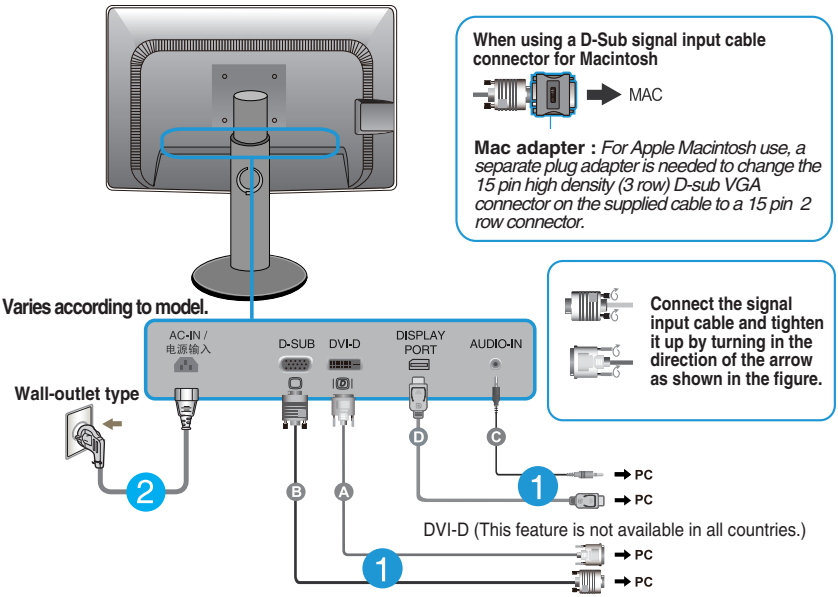
3. Be careful with the cables when rotating the screen.



Connecting with the PC

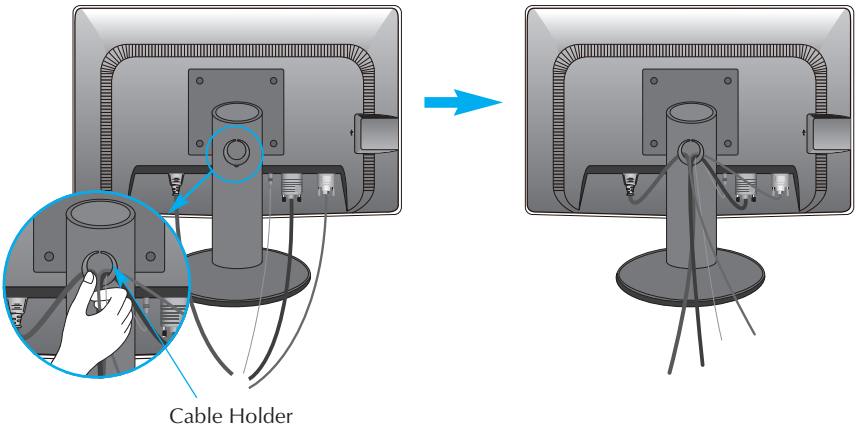
1. Before setting up the monitor, ensure that the power to the monitor, the computer system, and other attached devices is turned off.
2. Connect signal input cable (1) and power cord (2) in order, then tighten the screw of the signal cable.
   - (A) Connect DVI-D(Digital signal) Cable
   - (B) Connect D-sub(Analog signal) Cable
   - (C) Connect Audio Cable
   - (D) Connect DisplayPort Cable **(Separate purchase)**

NOTE
- This is a simplified representation of the rear view.
- This rear view represents a general model; your display may differ from the view as shown.

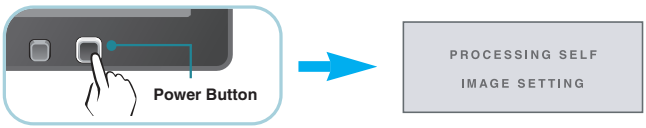

When using a D-Sub signal input cable connector for Macintosh
MAC
Mac adapter : For Apple Macintosh use, a separate plug adapter is needed to change the 15 pin high density (3 row) D-sub VGA connector on the supplied cable to a 15 pin 2 row connector.
Connect the signal input cable and tighten it up by turning in the direction of the arrow as shown in the figure.
Varies according to model.
AC-IN / 电源输入
D-SUB
DVI-D
DISPLAY PORT
AUDIO-IN
Wall-outlet type
PC
PC
DVI-D (This feature is not available in all countries.)
PC
PC

Warning
- Please pull the DVI cable first,then pull DisplayPort cable, for protect your finger.

3. Put the power cord and cables into the cable holder.



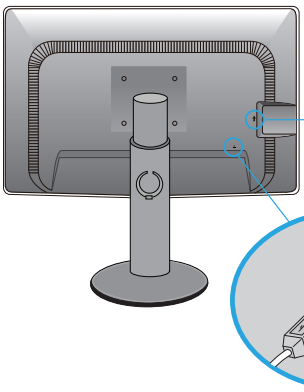
4. Press the power button on the front panel to turn the power on. When monitor power is turned on, the '**Self Image Setting Function**' is executed automatically.
(Only Analog Mode)



NOTE
' Self Image Setting Function'? This function provides the user with optimal display settings.When the user connects the monitor for the first time, this function automatically adjusts the display to optimal settings for individual input signals.
'AUTO' Function? When you encounter problems such as blurry screen, blurred letters, screen flicker or tilted screen while using the device or after changing screen resolution, press the AUTO function button to improve resolution.

Connecting the USB(Universal Serial Bus) Cable

1. You can use the USB port at the back of the monitor to connect peripherals (USB mouse, USB keyboard, etc.) to the monitor, not to the computer.



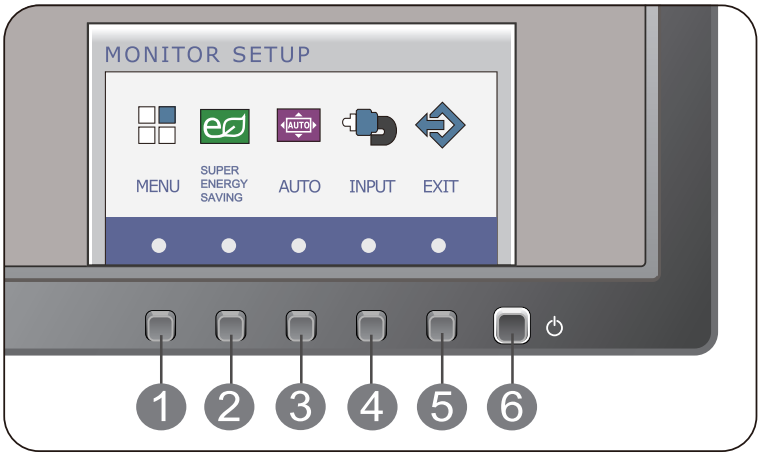
Two USB Downstream ports
Connect these ports to a mouse, USB keyboard,memory stick with current spec under 100mA.

One USB Upstream port
Connect this port to the downstream port of a computer, laptop or USB monitor (Your computer or USB monitor must support USB and have USB ports).

2. The monitor's USB terminal supports USB 2.0 and High Speed cables.

NOTE
- This is a simplified representation of the rear view.
- This rear view represents a general model; your display may differ from the view as shown.

Front Panel Controls



1 MENU Button

OSD LOCKED/UNLOCKED

This function allows you to lock the current control settings, so that they cannot be inadvertently changed. Press and hold the **MENU button** for several seconds. The message **"OSD LOCKED"** should appear.

You can unlock the OSD controls at any time by pushing the **MENU button** for several seconds. The message **"OSD UNLOCKED"** should appear.

2 SUPER ENERGY SAVING Button

Use this button to enter **SUPER ENERGY SAVING** menu.For more information, refer to page 17.

❸ AUTO Button

AUTO IMAGE ADJUSTMENT
When adjusting your display settings, always press the **AUTO** button before entering the On Screen Display(OSD). (Only Analog Mode)

This will automatically adjust your display image to the ideal settings for the current screen resolution size (display mode).

The best display mode is
E2422PY : 1920 x 1080

❹ INPUT Button (SOURCE Hot key)

When two input signals are connected, you can select the input signal (D-SUB/DVI/DP) you want. When only one signal is connected, it is automatically detected. The default setting is D-Sub.

❺ EXIT Button

Exit the OSD(On Screen Display).

❻ Power Button & Power Indicator

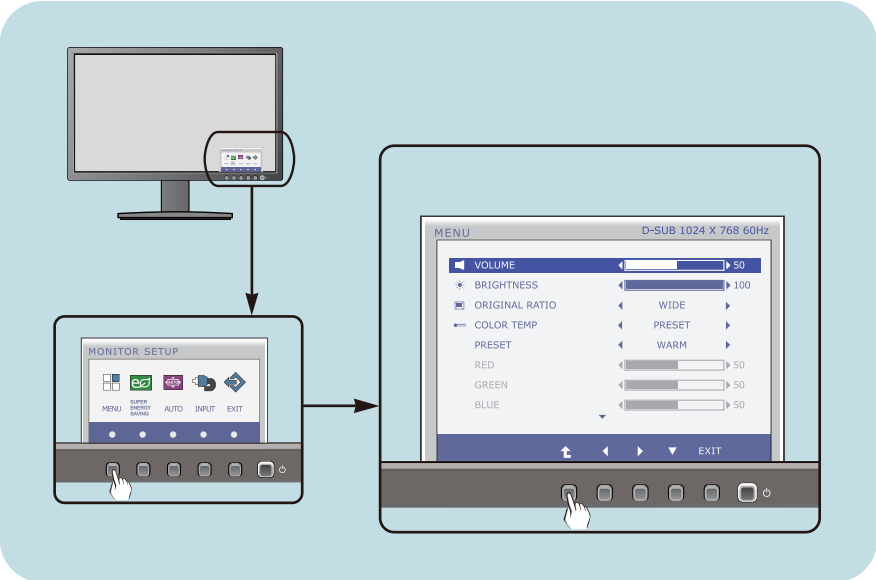
Use this button to turn the display on or off.

The power indicator stays white if the display is running properly (On Mode). If the display is in Sleep Mode (Energy Saving), the power indicator is blinking white.

Screen Adjustment

Making adjustments to the image size, position and operating parameters of the display is quick and easy with the On Screen Display Control system.
A short example is given below to familiarize you with the use of the controls. The following section is an outline of the available adjustments and selections you can make using the OSD.

To make adjustments in the On Screen Display, follow these steps:



1. Press the discretionary **Button**, then the main menu of the OSD appears.
2. To access a control, use the corresponding **Buttons**.
3. Use the ◀/▶ **Buttons** to adjust the image to the desired level.
   Use the ⮥ **Button** to select other sub-menu items.
4. Press the **EXIT Button** to exit from the OSD.

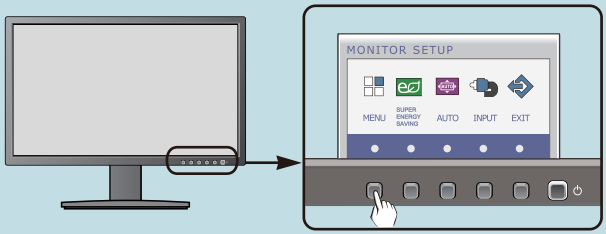
The following table indicates all the On Screen Display control, adjustment, and setting menus.

DSUB : D-SUB(Analog signal) input
DVI-D : DVI-D(Digital signal) input
DP : DP(DisplayPort signal) input

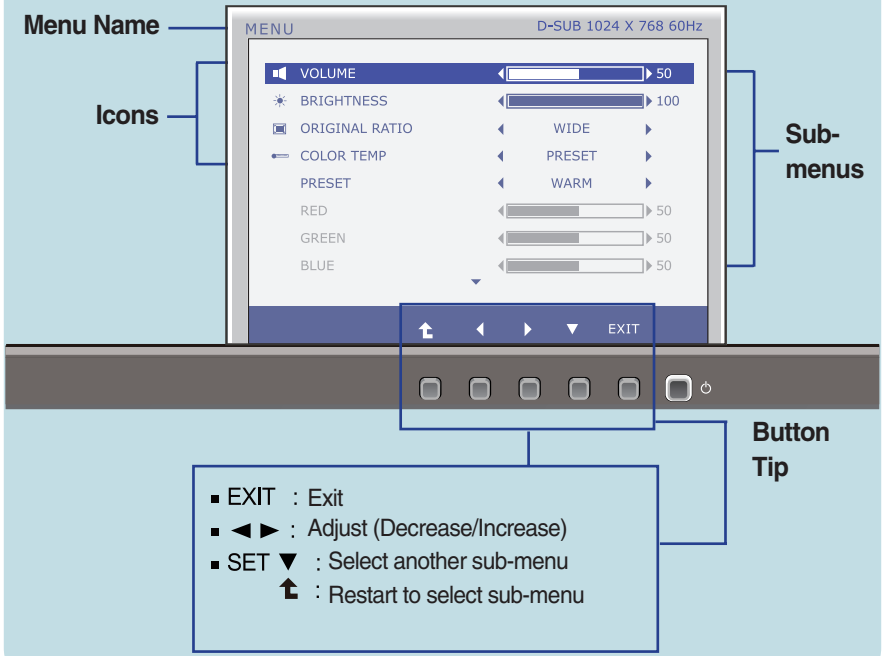
Main menu	Sub-menu	Supported input	Description
MENU	VOLUME	DSUB DVI-D DP	To adjust the volume
	BRIGHTNESS		To adjust the brightness of the screen
	ORIGINAL RATIO		To adjust the image size
	COLOR TEMP (USER / PRESET)		To customize the color of the screen
	CONTRAST		To adjust the contrast of the screen
	BLACK LEVEL	DP	To set offset level
	LANGUAGE	DSUB DVI-D DP	To customize the screen status for a user's operating environment
	FACTORY RESET		
SUPER ENERGY SAVING	ON	DSUB DVI-D DP	Turn on the SUPER ENERGY SAVING function.
	OFF		Turn off the SUPER ENERGY SAVING function.
	RESET		Initialize the SUPER ENERGY SAVING and set to "OFF" mode.

NOTE
- The order of icons may differ depending on the model (13~19).

■■■ You were introduced to the procedure of selecting and adjusting an item using the OSD system. Listed below are the icons, icon names, and icon descriptions of the all items shown on the Menu.



Press the **MENU** Button, then the main menu of the OSD appears.

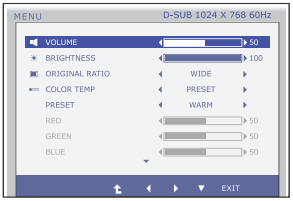


NOTE

■ OSD (On Screen Display) menu languages on the monitor may differ from the manual.

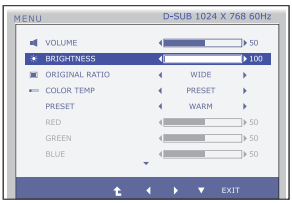
Main menu	Sub menu	Description

VOLUME



To adjust the volume of headphone/Speaker.

BRIGHTNESS



To adjust the brightness of the screen.

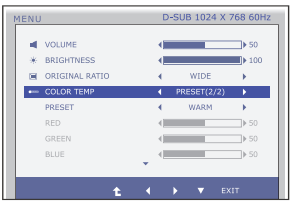
ORIGINAL RATIO

WIDE Switch to full screen mode according to input image signal.

ORIGINAL Change the input image signal ratio to original.

* This function works only if input resolution is lower than monitor ratio (16:9).

COLOR TEMP



PRESET Select the screen color.

- WARM: Set the screen to warm color temperature .
- MEDIUM: Set the screen to medium color temperature.
- COOL: Set the screen to cool color temperature.

USER

RED
Set your own red color levels.

GREEN
Set your own green color levels.

BLUE
Set your own blue color levels.

- **Exit** : Exit
- ◀ , ▶ , ▼ : Move
- ⮥ : Select another sub-menu

Main menu	Description

CONTRAST

To adjust the contrast of the screen.

BLACK LEVEL (only for DP input)

You can set the offset level. If you select 'HIGH', the screen will be bright and if you select 'LOW', the screen will be dark.

* **Offset?** As the criteria for video signal, it is the darkest screen the monitor can show.

LANGUAGE

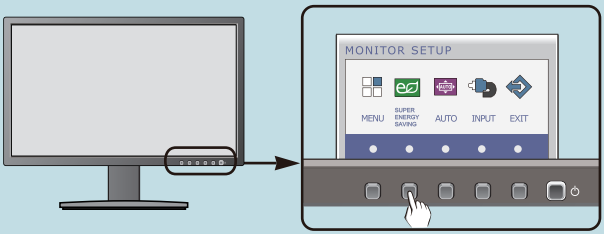
To choose the language in which the control names are displayed.

FACTORY RESET

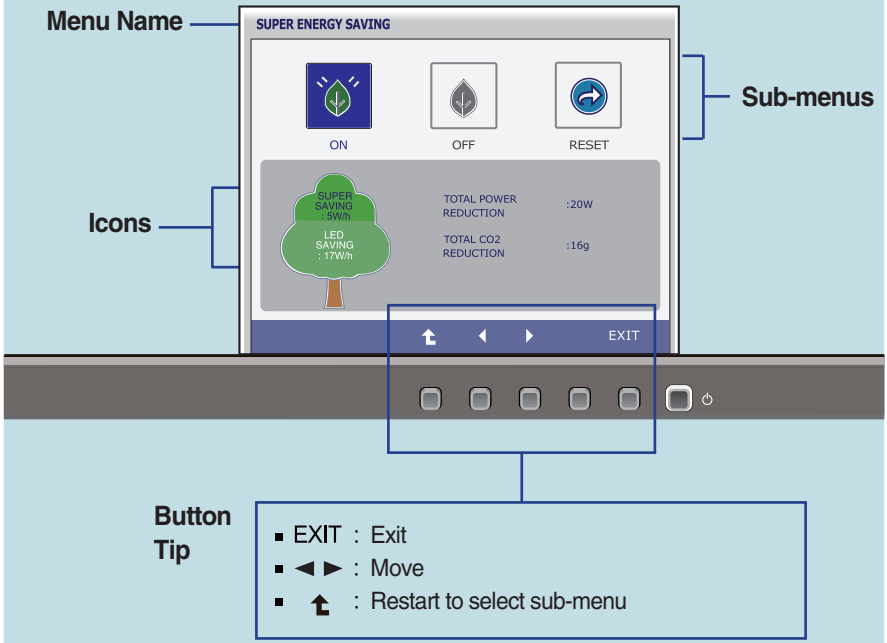
Restore all factory default settings except **"LANGUAGE."**
Press the ◀ , ▶ buttons to reset immediately.

- **Exit** : Exit
- ◀ , ▶ , ▼ : Move
- ⮤ : Select another sub-menu

■■■ You were introduced to the procedure of selecting and adjusting an item using the OSD system. Listed below are the icons, icon names, and icon descriptions of the all items shown on the Menu.

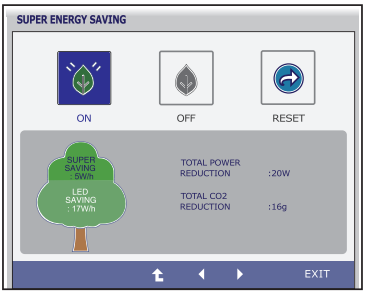
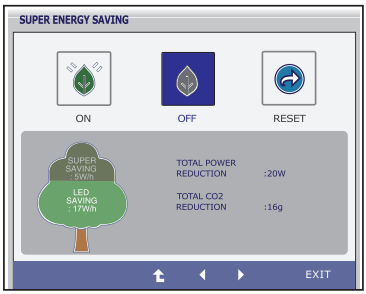
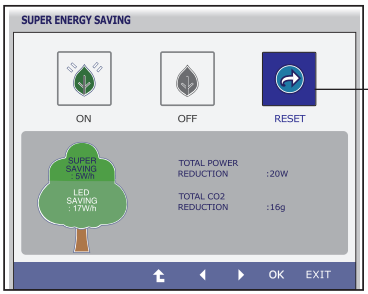


Press the **SUPER ENERGY SAVING** Button, then the main menu of the OSD appears.



NOTE

■ OSD (On Screen Display) menu languages on the monitor may differ from the manual.

Main menu	Sub menu	Description
	ON	Turn on the SUPER ENERGY SAVING fuction. When current setting value is ON,the SUPER SAVING color is green.
	OFF	Turn off the SUPER ENERGY SAVING function.Now the monitor is LED SAVING function. When current setting value is OFF,the SUPER SAVING color is gray.
	RESET	Clear the TOTAL POWER REDUCTION and TOTAL CO2 REDUCTION values.

- **Exit** : Exit
- ◀, ▶ : Move
- ⮤ : Select another sub-menu
- **OK** : Select
- **TOTAL POWER REDUCTION** : How much power is saved during using the monitor.
- **TOTAL CO2 REDUCTION** : Change the TOTAL POWER REDUCTION to CO2.

NOTE

SAVING DATA(W/h):

	24 inch
SUPER SAVING	5
LED SAVING	17

- Saving Data depends on the Panel. So,those values should be different from each panel and panel vendor.
- LG accumulate those values using integrated function with 10 minutes broadcast video signal.
- LED Saving means that how much power can be saved using WLED Panel instead of CCFL panel.
- SUPER Saving means that how much power can be more saved using SUPER ENERGY SAVING function.

Check the following before calling for service.

No image appears	
● **Is the power cord of the display connected?**	• Check and see if the power cord is connected properly to the power outlet.
● **Is the power indicator light on?**	• Press the Power button.
● **Is the power indicator flickering?**	• If the display is in power saving mode, try moving the mouse or pressing any key on the keyboard to bring up the screen. • Try to turn on the PC.
● **Do you see an "OUT OF RANGE" message on the screen?**	• This message appears when the signal from the PC (video card) is out of horizontal or vertical frequency range of the display. See the 'Specifications' section of this manual and configure your display again.
● **Do you see a "CHECK SIGNAL CABLE" message on the screen?**	• This message appears when the signal cable between your PC and your display is not connected. Check the signal cable and try again.

Do you see a "OSD LOCKED" message on the screen?	
● **Do you see "OSD LOCKED" when you push MENU button?**	• You can secure the current control settings, so that they cannot be inadvertently changed. You can unlock the OSD controls at any time by pushing the **MENU** button for several seconds: the message **"OSD UNLOCKED"** will appear.

Display image is incorrect

● **Display Position is incorrect.**	• Press the **AUTO** button to automatically adjust your display image to the ideal setting.
● **On the screen background, vertical bars or stripes are visible.**	• Press the **AUTO** button to automatically adjust your display image to the ideal setting.
● **Any horizontal noise appearing in any image or characters are not clearly portrayed.**	• Press the **AUTO** button to automatically adjust your display image to the ideal setting. • Check **Control Panel --> Display --> Settings** and adjust the display to the recommended resolution or adjust the display image to the ideal setting. Set the color setting higher than 24 bits (true color).

IMPORTANT

- Check **Control Panel --> Display --> Settings** and see if the frequency or the resolution were changed. If yes, readjust the video card to the recommend resolution**.**
- If the recommended resolution (optimal resolution) is not selected, letters may be blurred and the screen may be dimmed, truncated or biased. Make sure to select the recommend resolution.
- The setting method can differ by computer and O/S (Operation System), and resolution mentioned above may not be supported by the video card performance. In this case, please ask to the computer or the video card manufacturer.

Display image is incorrect

● **The screen color is mono or abnormal.**	• Check if the signal cable is properly connected and use a screwdriver to fasten if necessary. • Make sure the video card is properly inserted in the slot. • Set the color setting higher than 24 bits (true color) at **Control Panel - Settings**.
● **The screen blinks.**	• Check if the screen is set to interlace mode and if yes, change it to the recommend resolution.

Do you see an "Unrecognized monitor, Plug&Play (VESA DDC) monitor found" message?

● **Have you installed the display driver?**	• Be sure to install the display driver from the display driver CD (or diskette) that comes with your display. Or, you can also download the driver from our web site: http://www.lg.com. • Make sure to check if the video card supports Plug&Play function.

Display	60.9 cm (24 inch) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size : 60.9 cm 0.276 x 0.276 mm (Pixel pitch)
Sync Input	Horizontal Freq. 30 kHz to 83 kHz (Automatic) Vertical Freq. 56 Hz to 75 Hz (Automatic) Input Form Separate Sync. Digital
Video Input	Signal Input 15 pin D-Sub Connector DVI-D Connector (Digital) Input Form RGB Analog (0.7 Vp-p/ 75 ohm), Digital
Resolution	Max VESA 1920 x 1080 @60 Hz Recommend VESA 1920x 1080 @60 Hz
Plug&Play	DDC 2B(Digital),DDC2AB(Anlaog)
USB	USB2.0
Power Consumption	On Mode : 22 W(Typ.) Sleep Mode ≤ 0.3 W Off Mode ≤ 0.3 W
Dimensions & Weight	**With Stand** Width 56.91 cm (22.40 inch) Height 43.26 cm (17.03 inch)(Min.) 54.26 cm (21.36 inch)(Max.) Depth 27.11 cm (10.67 inch) **Without Stand** Width 56.91 cm (22.40 inch) Height 34.19 cm (13.46 inch) Depth 6.30 cm (2.48 inch) **Weight(excl. packing)** 4.8 kg (10.56 lb)
Range	Tilt -5˚ to 15˚ Swivel 355˚ Height 110 mm / 4.33 inch
Power Input	AC 100 - 240 V~ 50 / 60 Hz 1.2 A
Environmental Conditions	**Operating Conditions** Temperature 10 ˚C to 35 ˚C Humidity 10 % to 80 % non-Condensing **Storage Conditions** Temperature -20 ˚C to 60 ˚C Humidity 5 % to 90 % non-Condensing
Stand Base	Attached ( ), Detached (O)
Power cord	Wall-outlet type

NOTE

- Information in this document is subject to change without notice.

Preset Modes (Resolution)

E2422PY

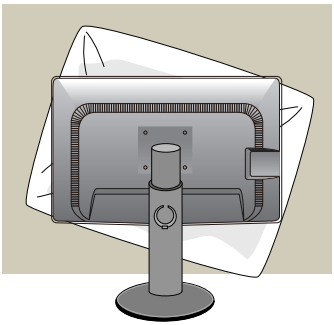
	Display Modes (Resolution)	Horizontal Freq. (kHz)	Vertical Freq. (Hz)
1	720 x 400	31.468	70
2	640 x 480	31.469	60
3	640 x 480	37.500	75
4	800 x 600	37.879	60
5	800 x 600	46.875	75
6	1024 x 768	48.363	60
7	1024 x 768	60.023	75
8	1152 x 864	67.500	75
9	1280 x 1024	63.981	60
10	1280 x 1024	79.976	75
11	1680 x 1050	65.290	60
*12	1920 x 1080	67.500	60

*Recommend Mode

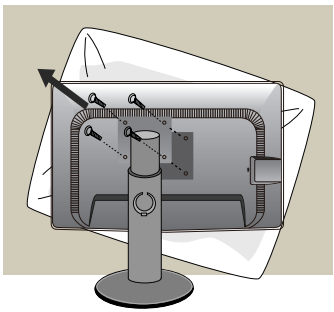
Indicator

MODE	LED Color
On Mode	White
Sleep Mode	White Blinking
Off Mode	Off

This monitor satisfies the specifications of the Wall mount plate or the interchange device.



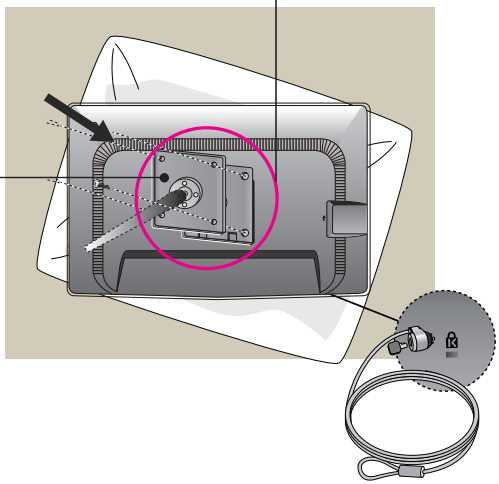
1. After moving the product to face downward, make sure to place it on a soft cloth or a cushion to avoid surface damage.



2. Separate the head and the stand with the use of a screwdriver.

3. Install the Wall mount plate.

Wall mount plate(Separate purchase)
This is stand-type or wall mount type and is connectable with Wall mount plate.
Please refer to the installation guide for more details, which is provided when Wall mount plate is purchased.



<Screw Mounting Interface Dimension>
Hole spacing : 100 mm x 100 mm.

Kensington Security Slot
Connected to a locking cable that can be purchased separately at most computer stores.

NOTE

- VESA compatible only with respect to screw mounting interface dimensions and mounting screw specifications
- Please use VESA standard as below.
  * 784.8 mm and under (30.9 inch)
  - Wall Mount Pad Thickness : 2.6 mm
  - Screw : Φ 4.0 mm x Pitch 0.7 mm x Length 10 mm
  * 787.4 mm and above (31.0 inch)
  - Please use VESA standard wall mount pad and screws.

Life's Good

Make sure to read the Safety Precautions before using the product.
Keep the OWNER'S MANUAL(CD) in an accessible place for furture reference.
The model and serial number of the SET is located on the back or one side of the SET. Record it below should you ever need service.

MODEL _____

SERIAL _____

ENERGY STAR is a set of power-saving guidelines issued by the U.S.Environmental Protection Agency(EPA).

As an ENERGY STAR Partner LGE U. S. A.,Inc. has determined that this product meets the ENERGY STAR guidelines for energy efficiency.